

MAR 22 2004

K040205

## 510(k) Summary

Pursuant to 512(i)(3)(A) of the Food, Drug and Cosmetic Act, Intra-Lock International is required to submit with this Premarket Notification either an "...adequate summary of any information respecting safety and effectiveness or state that information will be made available upon request of any person." Intra-Lock International chooses to submit a summary of the safety and effectiveness information. The summary is as follows:

**Trade Name:** Intra-Lock International Angled Prosthetic Abutments

**Sponsor:** Intra-Lock International  
1200 North Federal Highway, Suite 200  
Boca Raton, FL 33432  
Registration No.:3003631996

**Device Generic Name:** Angled Abutments

**Classification:** According to Section 513 of the Federal Food, Drug, and Cosmetic Act, the device classification is Class III.

**Predicate Devices:**

Straumann USA, Angled Abutments	K994119
Opti-Max Angled Crown Post	K972769
Implant Innovations, Pre-Angled Abutments	K932123

**Product Description:**

The Intra-Lock International Angled Prosthetic Abutments are an accessory to the Intra-Lock Endosseous Dental Implants. They perform the function of connecting the laboratory fabricated prosthetic bridge or crown to the implanted dental implant. They are manufactured from Titanium Alloy (6 Al-4V ELI, ASTM F136) and are provided in a number of sizes to accommodate tissue depth. These prosthetic abutments are provided in non-sterile packaging.

**Indications for Use:**

Intra-Lock International Angled Prosthetic Abutments are intended to prosthetically restore Endosseous Implants. These abutments are designed to be used on single tooth applications and or multiple tooth bridge applications. They are intended to be used when minor correction or alignment will improve the aesthetics of the final restoration.

**Safety and Performance:**

This submission is a Special 510(k): Abbreviated 510(k) as described in FDA's guidance document entitled "The New 510(k) Paradigm - Alternate Approaches to Demonstrating Substantial Equivalence in Premarket Notifications." In support of this 510(k), Intra-Lock International has provided information to demonstrate conformity with FDA's guidance document entitled: Class II Special Controls Guidance Document: Root-form Endosseous Dental Implants and Abutments Draft Guidance for Industry and FDA.

**Conclusion:**

Based on the indications for use, technological characteristics, and comparison to predicate devices, the Intra-Lock Angled Prosthetic Abutments have been shown to be safe and effective for its intended use.



MAR 22 2004

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Mr. Jeffrey Sakoff  
Director of Operations  
Intra-Lock International  
1200 North Federal Highway, Suite 200  
Boca Raton, Florida 33432

Re: K040205  
Trade/Device Name: Intra-Lock Angled Prosthetic Abutment  
Regulation Number: 872.3640  
Regulation Name: Endosseous Implant  
Regulatory Class: III  
Product Code: DZE  
Dated: January 9, 2004  
Received: February 2, 2004

Dear Mr. Sakoff:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Office of Compliance at (301) 594-5613. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,



Chiu Lin, Ph.D.

Director

Division of Anesthesiology, General Hospital,

Infection Control and Dental Devices

Office of Device Evaluation

Center for Devices and

Radiological Health

Enclosure

## Indications for Use

510(k) Number (if known): K040205

Device Name: Intra-Lock Angled Prosthetic Abutments

### Indications for Use:

Intra-Lock International Angled Prosthetic Abutments are intended to prosthetically restore Endosseous Implants. These abutments are designed to be used on single tooth applications and or multiple tooth bridge applications. They are intended to be used when minor correction or alignment will improve the aesthetics of the final restoration.

Prescription Use x AND/OR Over-The-Counter Use \_\_\_\_\_  
(Part 21 CFR 801 Subpart D) (21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

---

Concurrence of CDRH, Office of Device Evaluation (ODE)

Swan Runner

(Division Sign-Off)  
Division of Anesthesiology, General Hospital,  
Infection Control, Dental Devices

510(k) Number: K040205

Page 1 of \_\_\_\_